

A3.4

$S_5 \rightarrow 10 \text{ elements}$

$$S_5^1$$

$$S_5^2 \equiv C_5^2$$

$$S_5^3$$

$$S_5^4 \equiv C_5^4$$

$$S_5^5 \equiv \sigma_5$$

$$S_5^6 \equiv C_5^1$$

$$S_5^7$$

$$S_5^8 \equiv C_5^3$$

$$S_5^9$$

$$S_5^{10} \equiv E$$

$S_8 \rightarrow 8 \text{ elements}$

$$S_8^1$$

$$S_8^2 \equiv C_4^1$$

$$S_8^3$$

$$S_8^4 \equiv C_4^2 \equiv C_2^1$$

$$S_8^5$$

$$S_8^6 \equiv C_4^3$$

$$S_8^7$$

$$S_8^8 \equiv E$$

B3.5  $\overline{Th}$

3.7

$\overline{T}$

C6 D<sub>3h</sub>

C7 C<sub>2v</sub>

C8 C<sub>s</sub>

C15 a C<sub>s</sub>

b C<sub>2v</sub>

c C<sub>s</sub>

d C<sub>2</sub>

e C<sub>2v</sub>

f C<sub>2h</sub>

S<sub>2</sub> C<sub>s</sub>

J<sub>h</sub> C<sub>4v</sub>

i D<sub>2h</sub>

j C<sub>2h</sub>

k C<sub>2h</sub>

l D<sub>2d</sub>

m C<sub>i</sub>

D3 C<sub>2h</sub>

D4 D<sub>2d</sub>

D5 C<sub>2h</sub>

D12 C<sub>2v</sub>

E2 C<sub>i</sub>